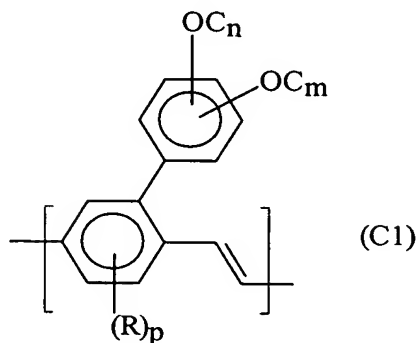


ABSTRACT:

Aryl-substituted poly-p-arylenevinylenes comprising a repeating unit of the formula (C1),



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in which one or more of the unsubstituted aromatic carbon atoms may be replaced by nitrogen atoms, $-OC_m$ and $-OC_n$ are alkoxy groups, m and n are integers from 2 to 6 with $m + n = 8$, p is 0, 1, 2 or 3 and in which R is CN , Cl , F , CF_3 , NO_2 , or SO_3Z wherein Z is a monovalent cation such as Na^+ , or in which R is $-XR^1$ wherein the unit $-X-$ represents a single bond, $-O-$, $-S-$, $-CO-$, $-COO-$, $-OCO-$, $-SO-$, $-SO_2-$, $-N(R^2)-$ or $-N(R^2)CO-$, and wherein R^1 and R^2 are the same or different and constitute a straight-chain branched or cyclic C_1 - C_{20} alkyl group or together an C_1 - C_{20} alkylene group, in which C_1 - C_{20} alkyl or C_1 - C_{20} alkylene group one or more hydrogens are optionally substituted by F or a C_4 - C_{12} aryl group and/or one or more non-adjacent $-CH_2-$ units are optionally substituted by C_4 - C_{12} arylene, $-O-$, $-S-$, $-CO-$, $-COO-$, $-OCO-$, $-SO-$, $-SO_2-$, $-N(R^3)-$ or $-N(R^3)CO-$ where R^3 is C_1 - C_{20} alkyl, or in which R is a C_4 - C_{12} aryl group which may or may not be substituted, polymers having viscosities at least equal to the viscosity of said aryl-substituted poly-p-arylenevinylenes and organic electroluminescent devices comprising such polymers.

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